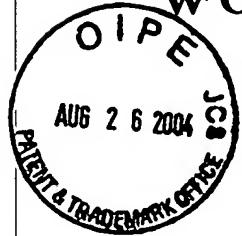


RICK D. NYDEGGER
BRENT P. LORIMER
THOMAS R. VUKSINICK
LARRY R. LAYCOCK
JONATHAN W. RICHARDS
DAVID R. WRIGHT
JOHN C. STRINGHAM
JOHN M. GUYN
CHARLES L. ROBERTS
DANA L. TANGREN
ERIC L. MASCHOFF
CHARLES J. EVERKA
ROBYN L. PHILLIPS
RICHARD C. GILMORE
STERLING A. BRENNAN
R. BURNS ISRAELSEN
DAVID R. TODD
GREGORY M. TAYLOR
DAVID B. DELLENBACH
L. DAVID GRIFFIN
ADRIAN J. LEE
FRASER D. ROY
CARL T. REED



WORKMAN | NYDEGGER

INTELLECTUAL PROPERTY ATTORNEYS

1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111
TELEPHONE: (801) 533-9800
FAX: (801) 328-1707
WEBSITE: [HTTP://WWW.WNLAW.COM](http://www.wnlaw.com)

PATENT APPLICATION Docket No: 14374.54

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



R. PARRISH FREEMAN, JR.
PETER F. MALEN, JR.
L. REX SEARS, PH.D.
WILLIAM R. RICHTER
ERIC M. KAMERATH
ROBERT E. AYCOCK
JENS C. JENKINS
KEVIN W. STINGER
WILLIAM J. ATHAY
MICHAEL B. DODD
RYAN D. BENSON
SARA D. JONES
TIGE KELLER
JANNA L. JENSEN
MATTHEW D. TODD
J. LAVAR OLDHAM
MICHAEL J. FRODSHAM
JOSEPH L. KRUPA
BRETT A. HANSEN
BRETT I. JOHNSON
MATTHEW A. BARLOW
WESLEY C. ROSANDER
ANDREW S. HANSEN
CHAD E. NYDEGGER
JOSEPH G. PIA
CLINTON E. DUKE
DAVID J. LORENZ †
RYAN N. FARR
JAMES B. BELSHE

In re application of)
)

Charles Lynn Chidester)
)

Serial No.: 10/828,637) Art Unit
) 2882

Confirmation No.: 5324)
)

Filed: April 20, 2004)
)

For: CATHODE ASSEMBLY)

TRANSMITTAL FOR INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing and pursuant to 37 C.F.R. § 1.97 is an Information Disclosure Statement, which includes the following statements, if any, required variously by 37 C.F.R. § 1.98:

- Statement of relevance of selected cited references not in the English language which are not translated.
- Statement that selected cited references are substantially cumulative of an enclosed or previously submitted reference.
- Statement that selected cited references were previously cited by or submitted to the United States Patent and Trademark Office in a prior application which is relied upon for an earlier filing date under 35 U.S.C. § 120.

August 23, 2004

Page 2

A. Additional Materials Required Due to Content of Information Disclosure Statement

Transmitted are the following documents in addition to the Information Disclosure Statement as required variously under 37 C.F.R. § 1.98:

- Form PTO-1449 listing eighteen (18) references submitted for consideration.
- Copies of eighteen (18) of the references listed on the Form PTO-1449.

B. Additional Materials Required Due to Timing of Filing of Information Disclosure Statement

The transmitted Information Disclosure Statement is being filed within one (1) of the following four (4) time periods:

- I. Prior to the later of either three (3) months following the filing date or the mailing of a first Office Action. Accordingly, no materials other than those listed above are enclosed.
- II. Following the latter of either three (3) months following the filing date or the mailing of a first Office Action, but before the mailing of a final Office Action or a Notice of Allowance. Accordingly, to secure consideration thereof, one (1) of the following is also enclosed:
 - Promptness Certification; or
 - Check No. _____ in the amount of \$180.00 constituting the submission fee set forth in 37 C.F.R. § 1.17(p).
- III. After the mailing of a Notice of Allowance, but before payment of the Issue Fee. Accordingly, in order to secure consideration thereof, each of the following are also enclosed:

August 23, 2004

Page 3

- Promptness Certificate;
- Petition for Consideration; and
- Check No. in the amount of \$_____ constituting the petition fee set forth in 37 C.F.R. § 1.17(i)(1).

IV. After payment of the Issue Fee. Accordingly, in order to secure consideration thereof, each of the following are also enclosed:

- Petition to Withdraw from Issue; and
- Check No. _____ in the amount of \$_____ constituting the petition fee set forth in 37 C.F.R. § 1.17(i)(1).

C. Fees

The Commissioner is hereby authorized to charge payment of or any deficiency in the following fees associated with this communication, or to credit any overpayment thereof, to Deposit Account No. 23-3178. A duplicate copy of this letter is enclosed.

X Any fee required in relation to filing of this letter or any documents transmitted therewith.

Dated this 23^d day of August 2004.

Respectfully submitted,



ERIC L. MASCHOFF
Attorney for Applicant
Registration No. 36,596
Customer No. 022913



PATENT APPLICATION
Docket No: 14374.54

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
Serial No.: 10/828,637) Art Unit
Confirmation No.: 5324) 2882
Filed: April 20, 2004)
For: CATHODE ASSEMBLY)
Examiner: Not Yet Assigned)

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record

believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

Since all listed references are either in the English language or are accompanied by a translation into English, no concise explanation of relevance is required under 37 C.F.R. § 1.98(a)(3).

Aug 1 23
DATED June _____, 2004

Respectfully submitted,



ERIC L. MASCHOFF
Attorney for Applicant
Registration No. 36,596
Customer No. 022913

ELM: kjb
JAF000000086V001

Applicant: Charles Lynn Chidester
 Serial No.: 10/828,637
 Filing Date: April 20, 2004
 For: CATHODE ASSEMBLY

Att'y Docket No.: 14374.54
 Group: 2882



INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>
____ 1	3,846,006	11/05/1974	Atlee et al.
____ 2	3,969,629	07/13/1976	McIntyre
____ 3	4,072,865	02/07/1978	Craig et al.
____ 4	4,114,987	09/19/1978	Vagi
____ 5	4,144,457	03/13/1979	Albert
____ 6	4,775,992	10/04/1988	Resnick et al.
____ 7	4,823,371	04/18/1989	Grady
____ 8	4,894,853	01/16/1990	Dowd
____ 9	4,924,485	05/08/1990	Hoeberling
____ 10	5,077,773	12/31/1991	Sammon
____ 11	5,170,442	12/08/1992	Fiebiger
____ 12	5,418,833	05/23/1995	Logan
____ 13	5,602,441	02/11/1997	Ohsako et al.
____ 14	5,619,092	04/08/1997	Jaskie
____ 15	5,625,661	04/29/1997	Oikawa

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant: Charles Lynn Chidester
 Serial No.: 10/828,637
 Filing Date: April 20, 2004
 For: CATHODE ASSEMBLY

Att'y Docket No.: 14374.54
 Group: 2882

<u> </u> 16	5,878,109	03/02/1999	Negle et al.
<u> </u> 17	6,018,566	01/25/2000	Eberhard et al.
<u> </u> 18	6,059,627	05/09/2000	Dean et al.

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

AB0000000072V001

Examiner: _____ Date Considered: _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PATENT APPLICATION
Docket: 14374.54

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
Charles Lynn Chidester)
Serial No.: 10/828,637)
Confirmation No.: 5324)
Filed: April 20, 2004)
For: CATHODE ASSEMBLY)

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that the following documents are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 23d day of August, 2004:

- Transmittal for Information Disclosure Statement (4 pgs.)
- Information Disclosure Statement (2 pgs.)
- Form PTO-1449 (2 pgs.)
- Copies of 18 references
- Postcard

Respectfully submitted,

A handwritten signature in black ink, appearing to read "ERIC L. MASCHOFF".

ERIC L. MASCHOFF
Attorney for Applicant
Registration No. 36,596
Customer No. 022913